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(54) Title: APPARATUS AND METHOD FOR INSPECTING MULTI-LAYER PLASTIC CONTAINERS

(57) Abstract

This invention relates to an apparatus and method for inspecting multi-layer plastic containers (10). More particularly, the invention relates to such an apparatus and method whereby optical energy absorbing compounds are added to the materials comprising the layer(s) of the container (10) to facilitate inspection thereof. Apparatus comprises a sensor unit (40), an illumination unit (30) for illuminating a portion of electromagnetic spectrum at a near IR wavelength to an inspection zone (20) which is located between the sensor unit (40) and the illumination unit (30). A processing unit (50) which receives an output of the sensor unit (40) and determines the attributes of the multi-layer plastic containers (10).

